

Overview

The JBE-AT1 Programmer is part of the Draco and Lyra series product line. It is used to set the address on detectors, MCPs, addressable modules, sounders...

Technical data

LCD display	128 x 64 lattice
Operating voltage	5 V DC
Standby power consumption	130 mW
Maximum power consumption	380 mW
Batteries	4 x 1.5V Type "AA"
Dimensions	100×195×52 mm (LxWxH)
Weight	0.4 kg (including batteries)

Basic functions

1. Reading and writing the address of the loop devices.
2. Set the operating modes of the field devices.
3. Diagnostic functions to facilitate troubleshooting.
4. When addressing continuously, the writing function automatically increase the address number to set into the next device.

Function description and instructions



"function" key



"confirmation" key



"up" key



"delete" key



"down" key



"Di" tone

Turn on: Press "function" key to switch on.

- Use "up" or "down" key and press the "confirmation" key to enter the corresponding function.
- You can also press the keys "1" to "5" to choose the function.

[1] Write address: Select and enter to "Write Address" function.

- Indicate the address number you want to add and then press "confirmation" key to assign to the field device.
- After writing the address successfully you will hear a "Di" tone and an "OK" will appear in the display. The address will be automatically added(?).
- If the writing an address process fails, you will listen two "Di" tones and the "Fail" word will appear in the display.
- Press the "delete" key, the address can be rewritten.
- Press the "function" key to return to the main screen.

[2] Read address: Select and enter to "Read Address" menu.

- Press the "Confirmation" key to read the address of the field devices.
- The address appears on the screen with a tone of "Di" once the address is read. "000" will appear if the reading process fails
- Press the "Function" key to return to the main screen.

[3] Part Debug: Functions available - check type, batch test, single test.

[3.1] Check Type: The user can check the type of a field device.

- This function allows to read up to 16 field devices at the same time.
- The user must wait for 3 seconds after entering the menu and then press the "Confirmation" key.

[3.2] Batch Test: The encoder can perform power on, power off, light off and reset the onsite devices in a batch.

- Up to 30 field devices (four-wire devices require 24 V DC power supply).
- The corresponding instruction can be executed by pressing the "Confirmation" key.

[3.3] Single Test: User can query and operate on a specific device of the loop.

- Connect the encoder directly to the loop with no more than 30 devices at the same time.
- Press the "Confirmation" key after entering the targeted device address number to read the type and status of the individual device.
- Through the "Up" or "down" key the user can execute the appropriate instructions.

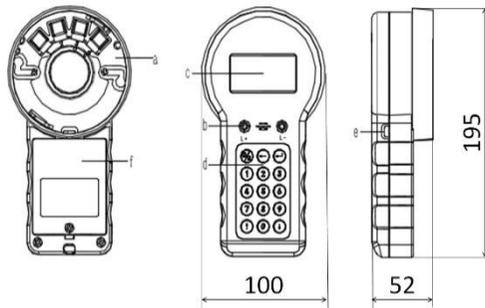
[4] Set Encoder: Press the corresponding number key to set the encoder's backlight [on] or [off] and the automatic power time off.

[5] Language/Version: Change the language of the user interface and check FW version.

Power off: Press and hold the "Function" key to switch off the encoder.

Note: Before connecting the Programmer to on site field devices, disconnect the Panel loop from the devices, otherwise the programmer can be damaged!

Mechanical dimensions



all dimensions in mm

Regulatory information



Jade Bird Fire Alarm International (Europe), S.L.
 C. Tarragona, 157. 08014 Barcelona (Spain)

JBE-AT1

Programing Tool

Technical file: see TF-JBE-AT1-10 provided by the manufacturer.

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